DCN multimedia Conference System

Inform. Impress. Inspire.

BOSCH

Invented for life

Inform. Impress. Inspire.
And move people to action

Moving people to action is the preferred outcome of most meetings and conferences. Yet getting participants to understand your point or proposal, let alone be prepared to champion your cause, is always a challenge. DCN multimedia is a conferencing system that will deliver information more effectively. Now you can access all forms of data easily and turn it into exciting content, so that people become interested, listen more actively, and want to be involved. DCN multimedia is going to change the way people think about conference systems. Because it's more than just a new conference system...it's a completely new platform designed to **inform**, **impress** and **inspire**.

"It's more than just a brand new conference system...it's a completely new platform designed to inform, impress and inspire."

Inform
People want to inform and be informed, so the DCN multimedia Conference System was designed with one thing in mind: put people and their content at the core of the system concept.

Participants will have all the information they need at their fingertips using touch-screen interactive multimedia conference devices. This means they'll be able to retrieve documents, share presentations, and even access the internet. Participants can get fully involved too, with high resolution. The result is a real breakthrough in presentation effectiveness, with enhanced interaction between participants.

Impress
The new DCN multimedia is bound to impress. Not only with its looks, but also with its performance. This innovative system produces the sound quality for which Bosch is legendary; speech intelligibility and music reproduction are excellent.

And being 'the world's first IP-based conference system built on the OMNEO media networking architecture' means it will operate over fully standardized Ethernet networks, guaranteeing flexibility and cost-effective installation and maintenance.

Inspire
DCN multimedia will inspire in many different ways. Participants will appreciate how it makes speeches and presentations more effective, getting audiences fully involved. Facility managers will welcome the system's flexibility and the ease with which it can be installed and maintained. And investors will be encouraged by the many cost and energy-saving features, as well as the fact that the system can grow as needs evolve, simply by adding software to the multimedia conference devices to increase functionality.

Making a difference
DCN multimedia is a revolutionary conference solution. It will make a world of difference to meetings and conferences everywhere. By moving people to action. Take a look and see what it will do for your organization.

A **world-class** multimedia conferencing system

Unique system architecture
Several standardized technologies have been brought together to create the DCN multimedia's open platform. This allows complete system solutions to be created by simply integrating compatible products. It also makes DCN multimedia extremely scalable, so it can evolve with the growing needs of meeting or conference facilities.

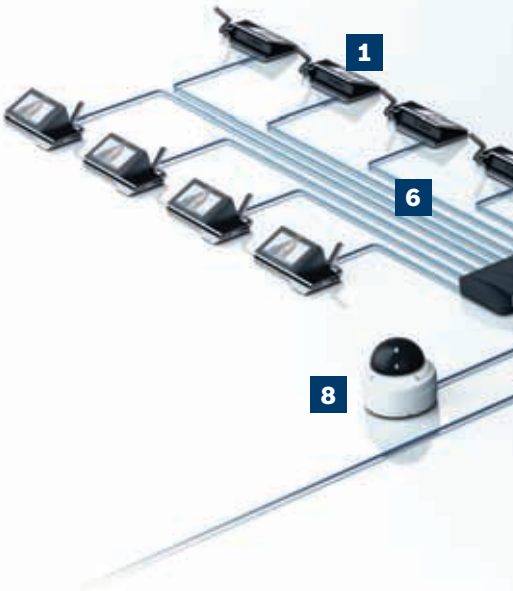
At its heart, the DCN multimedia conference system makes use of the unique IP-based OMNEO media networking architecture, developed by Bosch. OMNEO is considered by many in the professional audio world to be the solution of choice for modern (and future) A/V facilities, since it enables extremely high levels of interoperability, flexibility and reliability. More professional audio devices by Bosch will be built around this new audio and control standard to allow high-quality digital audio to be distributed over standard Ethernet networks. OMNEO is compatible with a wide range of audio products through Dante™ technology.

DCN multimedia also supports ONVIF-compliant IP cameras, which simplifies integration of automatic camera control into the system. ONVIF is the market's leading, global standard for networked video.

Hands-on interactivity
Participants will love the DCN multimedia's interactive capabilities, thanks to the touch-screen multimedia conference devices. These make use of the familiar Android™ operating system to provide an attractive and engaging interface, and allow the use of custom-made or third-party apps to further increase meeting efficiency.

Time-saving installation
OMNEO operates on standard Ethernet networks so it is ideal for pre-wired buildings, resulting in cost-effective installation and maintenance. Conference devices can be connected using CAT5e (or higher) cables and Power over Ethernet (PoE) switches for star configurations.

"The open platform makes it easy to integrate with professional audio and multimedia equipment"



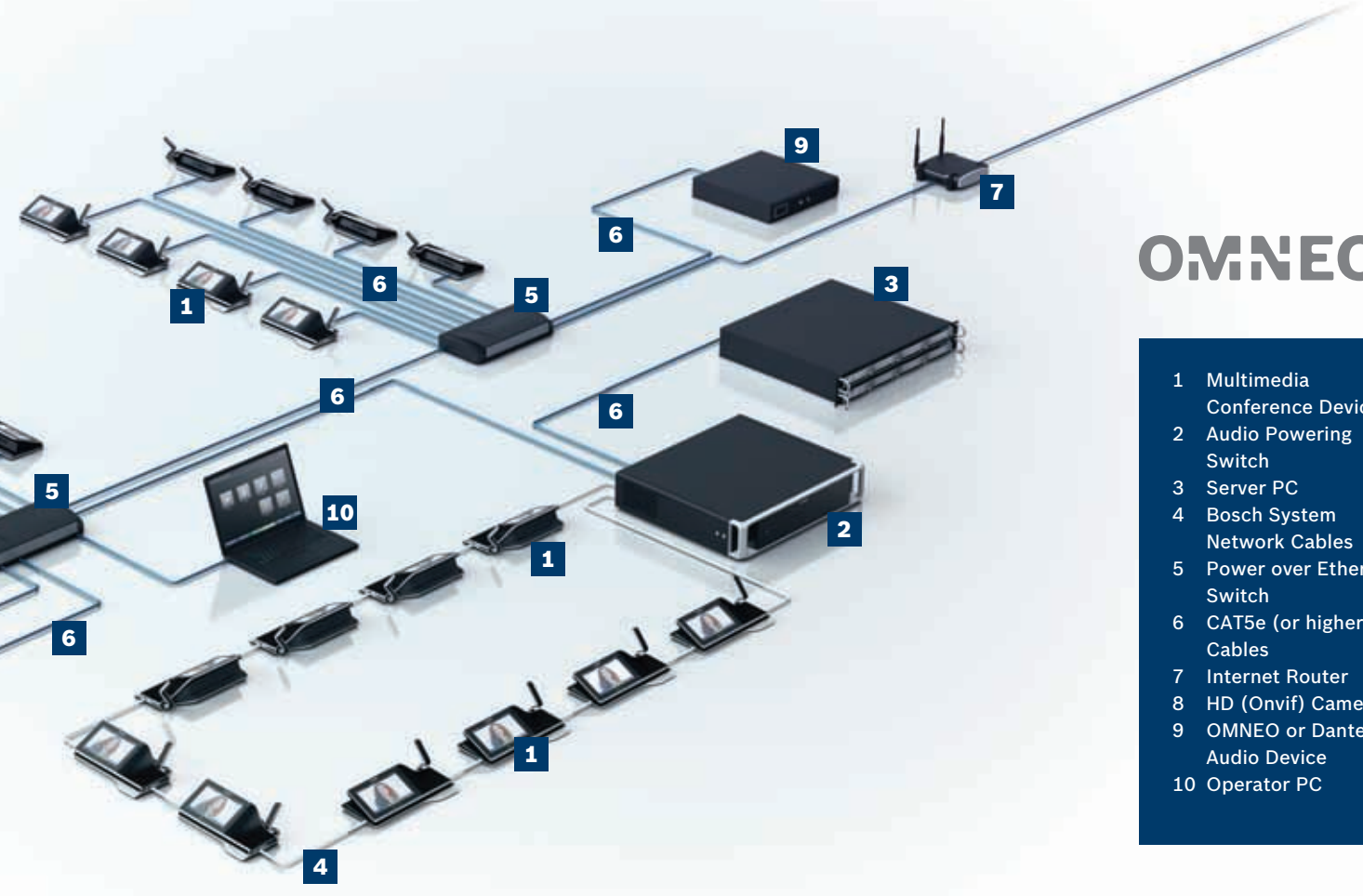
They can also be combined with a looped daisy chain configuration using Bosch powering switches and Bosch system network cables, making the DCN multimedia system a time-saving, flexible solution.

Peace of mind

The DCN multimedia Conference System features cable redundancy, with maximum security against data loss in the event of a failure. This means that meeting organizers are able to rely on the conference system completely. All audio and control data running through the system is securely encrypted in accordance with internationally recognized standards. This guarantees that the data is strongly protected against tampering and unauthorized access of system information – extremely important in highly-secure or sensitive meetings.

Green thinking

DCN multimedia was designed to have minimal impact on the environment. For example, the chairperson's multimedia conference device can be used to remotely switch the entire system to stand-by mode after a meeting. This patent-pending feature powers off all the participant multimedia conference devices at once, significantly reducing power consumption and saving energy between meetings. And during meetings, all participants have access to the relevant documents electronically, which saves print costs and eliminates waste paper. In the future, multiple sites using DCN multimedia will be able to connect to each other using the Internet to form one big meeting. This will greatly reduce the need for travelling, saving time and reducing fuel consumption.



OMNEO

1 Multimedia Conference Devices
2 Audio Powering Switch
3 Server PC
4 Bosch System Network Cables
5 Power over Ethernet Switch
6 CAT5e (or higher) Cables
7 Internet Router
8 HD (Onvif) Camera
9 OMNEO or Dante™ Audio Device
10 Operator PC

Enriching the meeting **experience**

Information at your fingertips
DCN multimedia integrates audio, video and documents so that all the meeting content is at your fingertips. This makes it easy for participants; retrieving documents, sharing presentations, or using the Internet to access other information is all available from one single, easy to control system.

Multimedia conference devices with high-resolution capacitive touch-screens provide a familiar user interface to enrich the meeting experience of participants. They will be able to browse through information about the topic being discussed, consult meeting subject lists or agendas, and look up details about the speaker. In addition, if cameras are integrated into the system, they can also see who is speaking.

In short, this interactive system adds value to every aspect of a meeting, giving participants more involvement and comfort, and enabling audiences to be informed more easily and effectively. The result is more stimulating, more creative and ultimately more productive meetings.

Superior audio performance
DCN multimedia continues the tradition of acoustical excellence that has become a hallmark of Bosch. Voices sound completely natural, with maximum speech intelligibility, and listening to music becomes an enjoyable experience too. Several Bosch technologies are at the heart of this acoustical excellence.

For a start, the unobtrusive, pluggable microphone on the multimedia conference device produces ultra-clear speech using Bosch's high-directive technology. So the speaker doesn't have to pay attention to the location of the microphone. Then, a built-in two-way loudspeaker system is used to represent the sound spectrum more accurately, resulting in outstanding intelligibility and extremely high sound quality. To make the performance complete, Bosch's proprietary intelligent Acoustic Feedback Suppression automatically adapts itself to the acoustic environment to maximize speech intelligibility at higher volumes.Since every conference room has different acoustics, this intelligent system features advanced equalization that optimizes acoustics throughout the room and at individual seats.

"Everyone will get involved in the meeting and show interest in the subject matter."

Trend-setting design that complements any interior
BOSCH
Space for optional name card holder with magnetic attachments for easy identification of all participants

Two-way loudspeaker system for outstanding intelligibility and sound quality
BOSCH
Unobtrusive, pluggable microphone that uses high-directive technology. Resulting in ultra-clear speech, without the speaker needing to pay attention to the location of the microphone
High-resolution capacitive touch-screen with intuitive user interface for maximum meeting efficiency. Can be used for document retrieval, internet access and to view video and meeting-related data
Light touch control buttons provide quick access to microphone and priority. Device can be configured for participant or chairperson use

A system for our connected **times**

1 Multimedia Conference Devices

2 Operator PC

3 HD Conference Dome

"Every participant in the meeting has a multimedia conference device with high-resolution touch-screen."

A complement to every room

DCN multimedia is a revolutionary conference system that results in “comfort for all”. For investors, participants, installers and technicians. It is suited to meeting areas of varying sizes such as in city councils, regional councils and boardrooms.

In a city council gathering, for example, meeting topics and links to documents can be prepared in advance . This is not only more comfortable for the participants; it also allows them to be informed on-the-fly, so discussions and decision-taking are more efficient.

The system also supports automatic camera control and ideally uses Bosch HD Conference cameras for razor sharp images, enabling participants to watch the face of the speaker on their local screen.

As an optional, extended software is available that enables an operator to control meetings via a PC. This software supports detailed tasks such as discussion control, advanced audio settings, monitoring of processes, and much more.

The right choice for today and tomorrow

Value-added features, elegant styling and an excellent price/quality ratio make the DCN multimedia Conference System an exceptional choice for today and for the future. In addition to the expandable system design, possibilities for enhancing the functionality come through adding apps to the multimedia conference devices. This makes DCN multimedia a system that can easily grow with your needs.

Think **conference.** Think **Bosch**

A reliable source of innovation
For over 125 years, the Bosch name has been synonymous with innovation, quality and reliability. Building on truly world-class expertise, Bosch Security Systems has led the conference market for over 60 years by consistently introducing innovative products.

Bosch provides state-of-the-art solutions for all types of meeting and conferencing applications. It was the first company to introduce a fully digital conference system (DCN), which set the industry standard more than 20 years ago. The new DCN multimedia Conference System is the latest breakthrough development by Bosch, designed to take full advantage of today's advanced multimedia tools.

Supporting your meetings
Bosch conference solutions are used by all kinds of customers, ranging from small-sized companies up to multinational corporations, as well as local, regional and international governments. Bosch has a worldwide dealer network with trained professionals who can provide local support in the local language.

Bosch Security Systems strives for total customer satisfaction and we aim to provide the highest level of service to make it easy for you to do business with us.

Learn more about how the DCN multimedia Conference System can help you to inform, impress and inspire audiences.

Visit our dedicated site: www.boschsecurity.com/DCNmultimedia

Download the DCN multimedia App from the App Store (iPad only).

Available on the App Store

A Tradition of Quality and Innovation

For over 125 years, the Bosch name has stood for quality and reliability. Bosch is the global supplier of choice for innovative technology, backed by the highest standards for service and support.

Bosch Security Systems proudly offers a wide range of security, safety, communications and sound solutions that are relied upon every day in applications around the world, from government facilities and public venues to businesses, schools and homes.

Bosch Security Systems
To learn more about our product offering, please visit www.boschsecurity.com or send an e-mail to emea.securitysystems@bosch.com

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